

REMARKS

Reconsideration of the application is respectfully requested.

1. Examiner has rejected claims 1- 10 under 35 USC 102(b) as being anticipated by the Manella reference (US 3,002,047). With respect, it is submitted that the Manella reference discloses a patentably distinct cable than the claimed cable herein.

Claim 1 has been amended to specify the following"

- the cable is a single conductor;
- the lugs are solid one-piece construction;
- the lugs and the sheath are formed from an oxidation resistant alloy; and
- the sheath is hermetically sealed to the lugs using a temperature resistant braze.

Each of these limitation distinguishes the Manella reference.

- Manella teaches a coaxial conductor – the present invention claims a single conductor.
- The terminals in Manella comprise two conductors separated by a dielectric and hermetic seal (Applicant reiterates his earlier position that this seal in Manella is non-operative in a high-temperature environment) – whereas in the present invention the terminal lugs are solid one-piece elements.
- The high temperature brazing and specification of oxidation resistant materials for the lugs and sheath provide the high temperature operability of the present invention – Manella is not directed to a high temperature cable.

Furthermore, claim 6 is limited to a cable "consisting essentially of" the elements cited. Therefore, Manella, which discloses numerous other components, is not anticipatory.

It is respectfully submitted that claim 1 and claim 6 are patentably distinct from the Manella reference.

CONCLUSION

In view of the foregoing remarks and amendments, it is respectfully submitted that this application is in condition for allowance and allowance thereof is respectfully requested.

Respectfully submitted,

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1. Petition for Two Month Extension.